



## SEQUENCE LISTING

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MAR 01 2001  
TECH CENTER 15092300

<110> Robison, Keith E.  
Kapeller-Libermann, Rosana  
White, David

<120> 22025, A Novel Human Cyclic Nucleotide  
Phosphodiesterase

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<150> 09/330,970

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Ile Asp Phe Arg Leu Leu Asn Ser Thr Thr Tyr Ser Gly Glu Ile Gly	
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Thr Lys Lys Lys Val Lys Arg Leu Leu Ser Phe Gln Arg Tyr Phe His	
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Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala Pro Leu His Leu	
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Arg Tyr Phe His Ala Ser Arg Leu Leu Arg Gly Ile Ile Pro Gln Ala	
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210 215 220	
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 275 280 285  
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Phosphodiesterase Family 7 from the Prosite  
database

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Leu Ala Leu Val Phe Ala Ala Ala Ile His Asp Val Asp His Arg Gly
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Thr Asn Asn Ser Phe Gln Ile Asn Ser Leu Gln Lys Ser Glu Leu Ala
          50          55          60
Leu Leu Tyr Asn Asp Glu Gly Ser Val Leu Glu Asn His His Leu Ala
          65          70          75          80
Gln Ala Phe Lys Leu Leu Gln Asp Glu Glu Cys Asn Ile Phe Gln Asn
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Leu Ser Lys Lys Asp Phe Arg Thr Leu Arg Asp Leu Val Ile Glu Ala
          100          105          110
Ile Leu Ala Thr Asp Met Ser Leu His Leu Gln Lys Leu Lys Asp Leu
          115          120          125
Lys Thr Met Val Glu Gln Lys Lys Val Tyr Glu Thr Gly Val Glu Trp
          130          135          140
Thr Gln Tyr Leu Leu Asp Asn Tyr Thr His Lys Ile Leu Leu Leu Ser
          145          150          155          160
Leu Leu Met Thr Ala Ala Asp Leu Ser Asn Pro Thr Lys Pro Trp Ser
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 database

<400> 6

Tyr	His	Asn	Trp	Ile	His	Ala	Phe	Asp	Val	Thr	Gln	Thr	Thr	His	Leu
1				5					10					15	
Leu	Leu	Leu	Thr	Leu	Ala	Leu	Glu	Arg	Tyr	Leu	Thr	Asp	Leu	Glu	Val
			20					25					30		
Leu	Ala	Leu	Val	Phe	Ala	Ala	Ala	Ile	His	Asp	Val	Asp	His	Arg	Gly
			35				40					45			
Thr	Asn	Asn	Ser	Phe	Gln	Ile	Asn	Ser	Leu	Gln	Lys	Ser	Glu	Leu	Ala
	50					55				60					
Leu	Leu	Tyr	Asn	Asp	Glu	Gly	Ser	Val	Leu	Glu	Asn	His	His	Leu	Ala
65					70					75					80
Gln	Ala	Phe	Lys	Leu	Leu	Gln	Asp								
					85										